FORM PTO 1390 (REV 5-93)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. §371

ATTORNEY DOCKET NUMBER 2005-0241A

U.S. APPLICATION NO. 27217

International Application No.

PCT/JP03/11492

International Filing Date September 9, 2003 Priority Date Claimed September 9, 2002

## Title of Invention

COPPER-BASED ALLOY, AND CAST INGOT AND LIQUID-CONTACTING PART EACH USING THE ALLOY

## Applicant(s) For DO/EO/US

Kazuhito KUROSE, Yukihiro HIRATA, Tomoyuki OZASA and Hisanori TERUI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. §371.
- 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. §371.
- 3. [X] This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
- 4. [X] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- 5. [X] A copy of the International Application as filed (35 U.S.C. §371(c)(2))
  - a. [] is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. [X] has been transmitted by the International Bureau.
  - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)
- 6. [X] A translation (32 pages and 13 sheets A4P drawings for Figs. 1-22) of the International Application into English (35 U.S.C. §371(c)(2)).
- 7. [] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
  - a. [] are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. [] have been transmitted by the International Bureau.
  - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
  - d. [] have not been made and will not be made.
- 8. [] A translation of the amendments to the claims under PCT Article 19.
- 9. [X] An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)).
- 10. [] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

## Items 11. to 14. below concern other document(s) or information included:

- 11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [X] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [X] A FIRST preliminary amendment.
  - [] A SECOND or SUBSEQUENT preliminary amendment.
- 14. [X] Other items or information: (a) Forms PCT/IB/301, 304 and 308; (b) International Search Report; (c) International

Preliminary Examination Report; and (d) first two pages of Published International Application (WO 2004/022804).

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEE FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975.

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Ú.S. APPLICATION NO. (#15000 to 37 CFR 1.5) NEW TO 15 7 7 1 PCT/JP03/11492			AL APPLICATION NO.		1PCT/PTO 0 9 MAR 2005 ATTORNEY'S DOCKET NO. 2005-0241A	
15. [X] The following fees are submitted					CALCULATIONS	PTO USE ONLY
Basic National Stage Fee \$300.00 National Stage Search Fee \$400.00 National Stage Examination Fee \$200.00 Specification/drawings in excess of 100 pages (inits of 50 x \$250.00) = \$						
ENTER APPROPRIATE BASIC FEE AMOUNT =					\$900.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$	
Claims	Number Filed	Number	Extra	Rate		
Total Claims	26 - 20 =	6		X \$50.00	\$300.00	
Independent Claims	2 - 3 =	0		X \$200.00	\$	
Multiple dependent claim(s) (if applicable) + \$360.00					\$	
TOTAL OF ABOVE CALCULATIONS =					\$1,200.00	
[] Small Entity Status is hereby asserted. Above fees are reduced by 1/2.					<b>\$</b>	
SUBTOTAL =					\$1,200.00	
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$	
TOTAL NATIONAL FEE =					\$1,200.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +					\$ 40.00	
TOTAL FEES ENCLOSED =					\$1,240.00	
					Amount to be refunded	s
					Amount to be charged	s
<ul> <li>a. [X] A check in the amount of \$1,240.00 to cover the above fees is enclosed. A duplicate copy of this form is enclosed.</li> <li>b. [] Please charge my Deposit Account No.23-0975 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.</li> <li>c. [] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.23-0975.</li> </ul>						
NOTE: Where an appropria must be filed and granted to				been met, a petitio	on to revive (37 CFR 1	.137(a) or (b))
19. CORRESPONDENCE ADDRESS  By:				By: Michael R. Davis , Registration No. 25,134		
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ICHECK NO. 67069

March 9, 2005